

**SEP 10 2007**

PTO/SB/21 (04-07)

Approved for use through 09/30/2007, OMB 0851-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

9

Application Number	10/756,563
Filing Date	January 13, 2004
First Named Inventor	SHEPARD, James G.
Art Unit	1744
Examiner Name	BOWERS, Nathan A.
Attorney Docket Number	02W173 (1547.023US1)

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> Response to Office Action dated July 10, 2007 Title: Standoff Bioagent-Detection Apparatus and Method Using Multi-Wavelength Differential Laser-Induced Fluorescence		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Raytheon Company		
Signature			
Printed name	Leonard A. Alkov		
Date	September 10, 2007	Reg. No.	30,021

**CERTIFICATE OF TRANSMISSION/MAILING FAX No. 571-273-8300**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Susan Anttila</i>		
Typed or printed name	Susan Anttila	Date	September 10, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**CENTRAL FAX CENTER****SEP 10 2007****PATENT****S/N 10/756,553****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: James G. Shepard et al.

Examiner: Nathan A. Bowers

Serial No.: 10/756,553

Group Art Unit: 1744

Filed: January 13, 2004

Docket No.: PD-02W173 (1547.023US1)

Title: STANDOFF BIOAGENT-DETECTION APPARATUS AND METHOD USING  
MULTI-WAVELENGTH DIFFERENTIAL LASER-INDUCED  
FLUORESCENCE

---

**AMENDMENT & RESPONSE UNDER 37 C.F.R. 1.116**

Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

In response to the Final Office Action mailed July 10, 2007, please amend the application  
as follows: